



US Army Corps
of Engineers
Alaska District

Public Notice of Application for Permit

Regulatory Branch (1145)
CEPOA-CO-R-NF
3437 Airport Way, Suite 206
Fairbanks, Alaska 99709-4777

PUBLIC NOTICE DATE: February 13, 2007

EXPIRATION DATE: March 14, 2007

REFERENCE NUMBER: POA-2006-1989-4

WATERWAY: June Creek

Interested parties are hereby notified that an application has been received for a Department of the Army permit for certain work in waters of the United States as described below and shown on the attached plan.

APPLICANT: Michael Craft, 1160 Pickering Dr., Fairbanks, Alaska 99709

LOCATION: The proposed project is located within section 23, T. 9 S., R. 9 W., Fairbanks Meridian; Latitude 64.1302° N., Longitude -149.2517° W.; June Creek Alaska Subdivision; near Healy, Alaska.

PURPOSE: Build road to subdivision and develop a wind farm.

WORK: Placement of approximately 31687 cubic yards (cy) of fill material into approximately 9.82 acres of wetland to construct a road from the Parks Highway into the subdivision and placement of approximately 37037 cy of fill material into approximately 1.15 acres of wetlands for 20 wind turbine pads. An additional 67 acres, approximately, will be mechanically cleared and stripped down to gravel. All work would be completed in accordance with the attached plans, sheets 1-6, dated 7 Feb 2007.

ADDITIONAL INFORMATION: June Creek Alaska Subdivision is located at approximately milepost 268.5 on the Parks Highway. Phase I of the project will consist of putting Kennedy Road into the subdivision and the mechanical clearing of approximately 67 acres to minimize turbulence around the wind turbine. Only one test turbine pad and wind turbine will be installed at this time, it will be located on lot 5 of block 14. The remaining turbines would be designed and installed after wind conditions have been documented.

MITIGATION: As a result of early project planning, the applicant has incorporated into the proposed project the following mitigation efforts to reduce impacts to the aquatic environment: leaving a 200 foot green belt buffer on the West side and a 100 foot green belt buffer on the East side of the project.

WATER QUALITY CERTIFICATION: A permit for the described work will not be issued until a certification or waiver of certification as required under Section 401 of the Clean Water Act (Public Law 95-217), has been received from the Alaska Department of Environmental Conservation.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this

application. Requests for public hearings shall state, with particularity, reasons for holding a public hearing.

CULTURAL RESOURCES: The latest published version of the Alaska Heritage Resources Survey (AHRS) has been consulted for the presence or absence of historic properties, including those listed in or eligible for inclusion in the National Register of Historic Places. There are two properties within a mile of the proposed project on AHRS, which currently have no determination of eligibility but it does not appear that they would be affected. Consultation of the AHRS constitutes the extent of cultural resource investigations by the District Engineer at this time, and he is otherwise unaware of the presence of such resources. This application is being coordinated with the State Historic Preservation Office (SHPO). Any comments SHPO may have concerning presently unknown archeological or historic data that may be lost or destroyed by work under the requested permit will be considered in our final assessment of the described work.

TRIBAL CONSULTATION: The Alaska District fully supports tribal self-governance and government-to-government relations between the Federal government and Federally recognized Tribes. This notice invites participation by agencies, Tribes, and members of the public in the Federal decision-making process. In addition, Tribes with protected rights or resources that could be significantly affected by a proposed Federal action (e.g., a permit decision) have the right to consult with the Alaska District on a government-to-government basis. Views of each Tribe regarding protected rights and resources will be accorded due consideration in this process. This Public Notice serves as notification to the Tribes within the area potentially affected by the proposed work and invites their participation in the Federal decision-making process regarding the protected Tribal right or resource. Consultation may be initiated by the affected Tribe upon written request to the District Engineer during the public comment period.

ENDANGERED SPECIES: No threatened or endangered species are known to use the project area.

Preliminarily, the described activity will not affect threatened or endangered species, or modify their designated critical habitat, under the Endangered Species Act of 1973 (87 Stat. 844). This application is being coordinated with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service. Any comments they may have concerning endangered or threatened wildlife or plants or their critical habitat will be considered in our final assessment of the described work.

ESSENTIAL FISH HABITAT: The proposed work is being evaluated for possible effects to Essential Fish Habitat (EFH) pursuant to the Magnuson Stevens Fishery Conservation and Management Act of 1996 (MSFCMA), 16 U.S.C. et seq and associated federal regulations found at 50 CFR 600 Subpart K. The Alaska District includes areas of EFH as Fishery Management Plans. We have reviewed the January 20, 1999, North Pacific Fishery Management Council's Environmental Assessment to locate EFH area as identified by the National Marine Fisheries Service (NMFS).

We have determined that the described activity within the proposed area will not adversely affect EFH, including anadromous fish and federally managed fishery resources.

SPECIAL AREA DESIGNATION: None.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the proposed activity and its intended use on the public interest. Evaluation of the probable impacts, which the proposed activity may have on the public interest, requires a careful weighing of all the factors that become relevant in each particular case. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced

against its reasonably foreseeable detriments. The outcome of the general balancing process would determine whether to authorize a proposal, and if so, the conditions under which it will be allowed to occur. That decision should reflect the national concern for both protection and utilization of important resources. All factors, which may be relevant to the proposal, must be considered including the cumulative effects thereof. Among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. For activities involving 404 discharges, a permit will be denied if the discharge that would be authorized by such permit would not comply with the Environmental Protection Agency's 404(b)(1) guidelines. Subject to the preceding sentence and any other applicable guidelines or criteria (see Sections 320.2 and 320.3), a permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Comments on the described work, with the reference number, should reach this office no later than the expiration date of this Public Notice to become part of the record and be considered in the decision. Please contact Mary Romero at (907) 474-2166 or by email at mary.r.romero@poa02.usace.army.mil if further information is desired concerning this notice.

AUTHORITY: This permit will be issued or denied under the following authorities:

(X) Discharge dredged or fill material into waters of the United States - Section 404 Clean Water Act (33 U.S.C. 1344). Therefore, our public interest review will consider the guidelines set forth under Section 404(b) of the Clean Water Act (40 CFR 230).

A plan, Notice of Application for Certification of Consistency with the Alaska Coastal Management Program, and Notice of Application for State Water Quality Certification are attached to this Public Notice.

District Engineer
U.S. Army, Corps of Engineers

Attachments

STATE OF ALASKA

DEPT. OF ENVIRONMENTAL CONSERVATION

DIVISION OF WATER

401 Certification Program

Non-Point Source Water Pollution Control Program

NOTICE OF APPLICATION FOR STATE WATER QUALITY CERTIFICATION

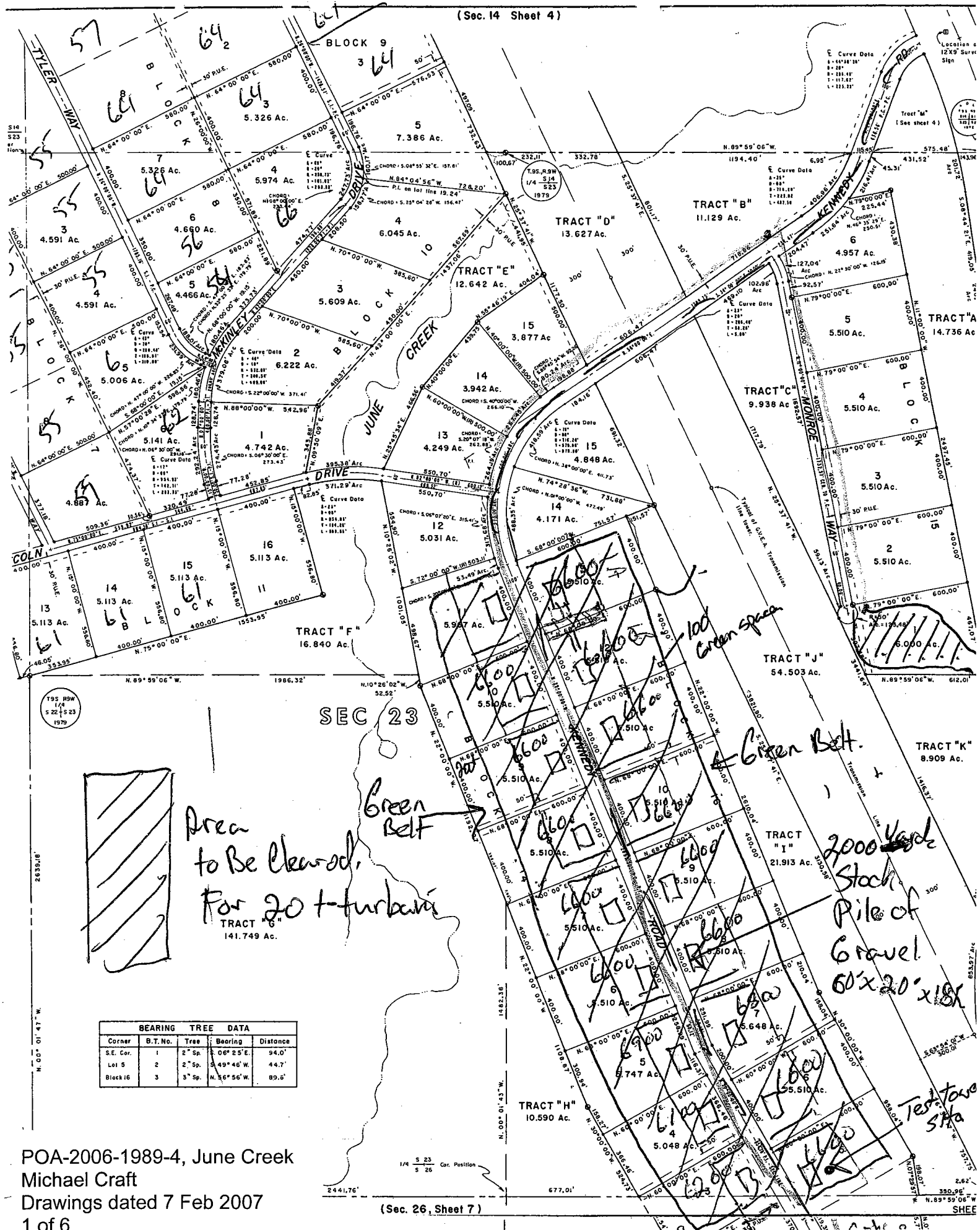
Any applicant for a federal license or permit to conduct an activity that might result in a discharge into navigable waters, in accordance with Section 401 of the Clean Water Act of 1977 (PL95-217), also must apply for and obtain certification from the Alaska Department of Environmental Conservation that the discharge will comply with the Clean Water Act, the Alaska Water Quality Standards, and other applicable State laws. By agreement between the U.S. Army Corps of Engineers and the Department of Environmental Conservation, application for a Department of the Army permit to discharge dredged or fill material into navigable waters under Section 404 of the Clean Water Act also may serve as application for State Water Quality Certification.

Notice is hereby given that the application for a Department of the Army Permit described in the Corps of Engineers' Public Notice No POA 2006 1989 4, June Creek serves as application for State Water Quality Certification from the Department of Environmental Conservation.

After reviewing the application, the Department may certify that there is reasonable assurance that the activity, and any discharge that might result, will comply with the Clean Water Act, the Alaska Water Quality Standards, and other applicable State laws. The Department also may deny or waive certification.

Any person desiring to comment on the project with respect to Water Quality Certification may submit written comments within 30 days of the date of the Corps of Engineer's Public Notice to:

Department of Environmental Conservation
WQM/401 Certification
555 Cordova Street
Anchorage, Alaska 99501-2617
Telephone: (907) 269-6281
FAX: (907) 269-7508



UTILITY SIZED WIND TURBINE
for Wind Farms or
Distributed Generation Applications



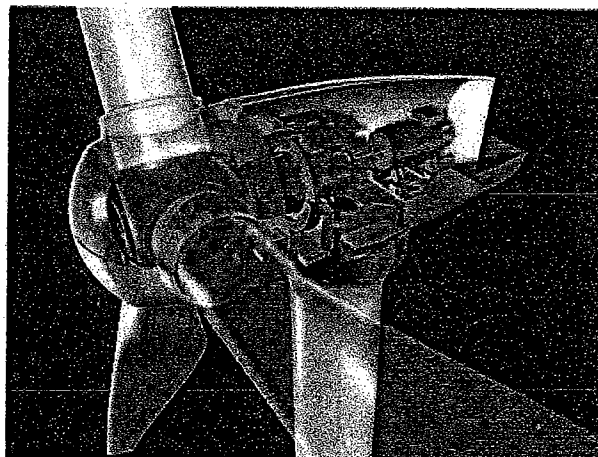
FL 1500



WIND TURBINE	FL 1500/70	FL 1500/77
ROTOR		
diameter	70 m	77.4 m
Area	3848 m ²	4705 m ²
number of blades	3	3
speed	11.0 - 22.0	9.7 - 19.0 RPM
power regulation	Pitch Controlled	Pitch Controlled
GEAR BOX		
type	combined helical and planetary	
stages	3	
ratio	1 : 87.7	
GENERATOR		
type	asynchronous, 3 phase, water cooled	
speed	1000 - 2000 RPM (60 Hz)	
voltage	690 VAC	
POWER CHARACTER		
rated output	1,500 kW	1,500 kW
cut in	3.0 m/s	3.0 m/s
rated output at	12 m/s	11 m/s
cut out	25 m/s	20 m/s
survival wind speed	59.5 m/s	52.5 m/s
TOWER		
hub height	65 m, 80 m, 100 m	
type	tubular tower	
WEIGHT		
rotor	32,000 kg	33,600 kg
nacelle	50,000 kg	50,000 kg
tower	97,000 kg 65m	260,000 kg 100m
CONTROL SYSTEMS		
speed regulation	pitch and load control	
yawing control	3 yaw motors	
main brake	individual blade pitch control	
second brake system	disc brake	
monitoring	remote data and control	
SOUND		
noise level	102.5 dB(A) at hub, 47 dB(A) at 100m	
Tonality	none	
Pulsation	none	

The Fuhrländer FL 1500 family of wind turbines offer advanced technology in a utility size wind power platform. Features include a variable pitch rotor, an innovative variable speed drive train with noise isolation integrated into the supporting structure, a liquid cooled generator, and a sophisticated wind turbine controller with a state of the art communications capability. The FL 1500 is available with various rotor sizes to insure the best match with the local wind resource. In utility scale wind farms or distributed generation applications, the FL 1500 line of wind turbines gives the highest reliability, availability, and return on investment.

For more information on these elegant machines please contact us at our sales office below.



Lorax Energy Systems, LLC - North American Distributor for Fuhrländer Wind Turbines

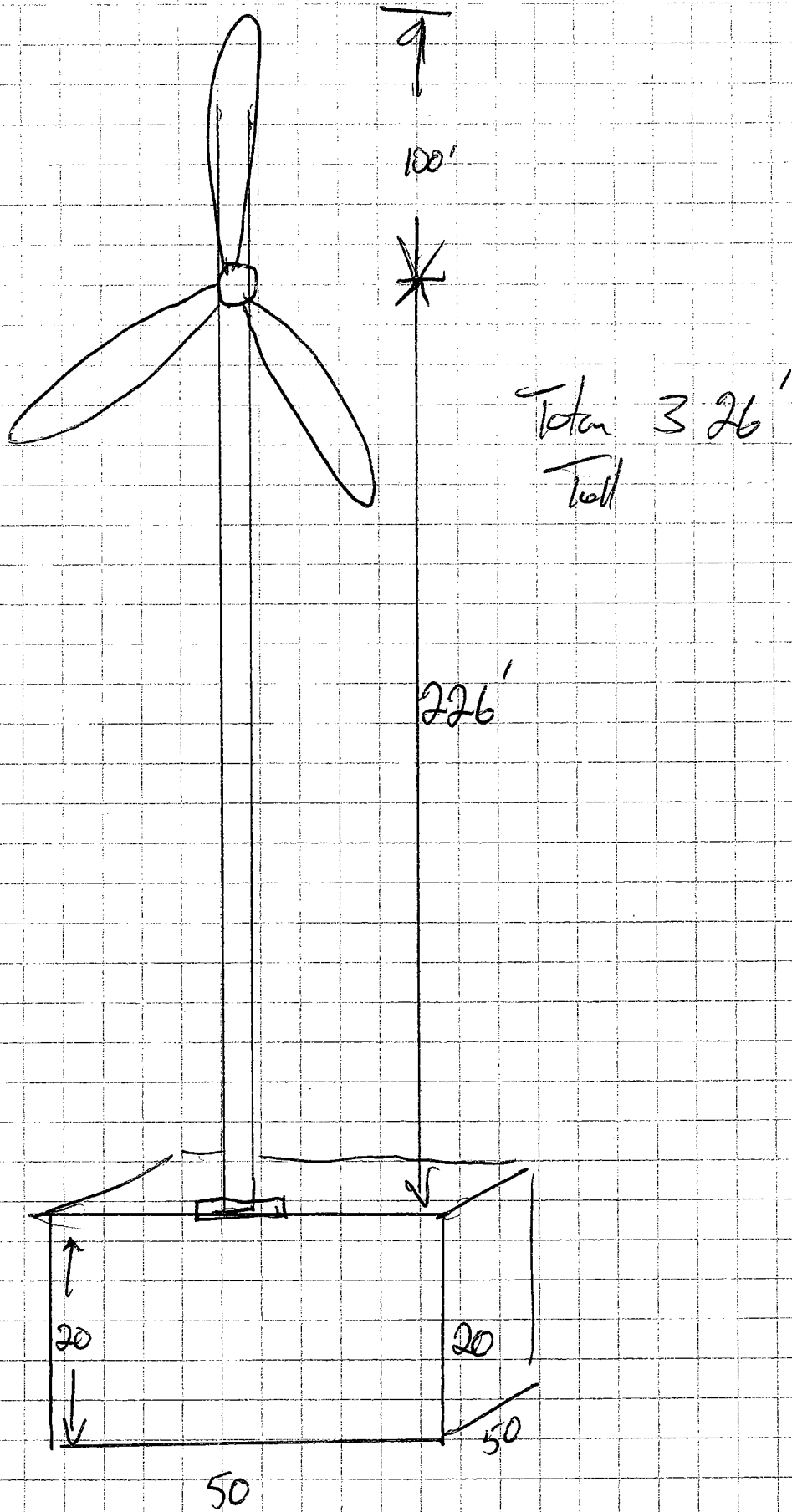
Sales Office: 4 Airport Road, Block Island, RI 02807 Phone: (401) 466-2883 Fax: (401) 466-2909
 Corporate Office: 1659 State St, Webster, NY 14580 Phone: (585) 265-6690 Fax: (585) 265-1306
 sales@lorax-energy.com Web: www.lorax-energy.com

POA-2006-1989-4, June Creek Wind Turbine Sales • Installation • Monitoring • Maintenance

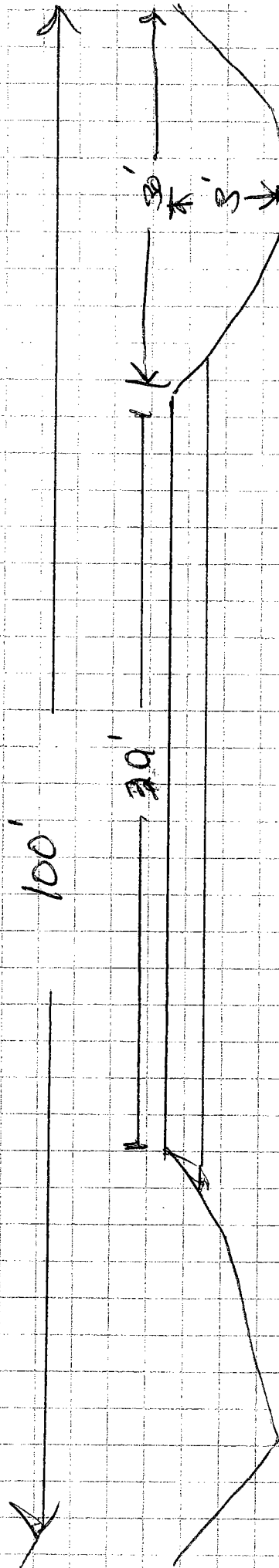
Michael Craft

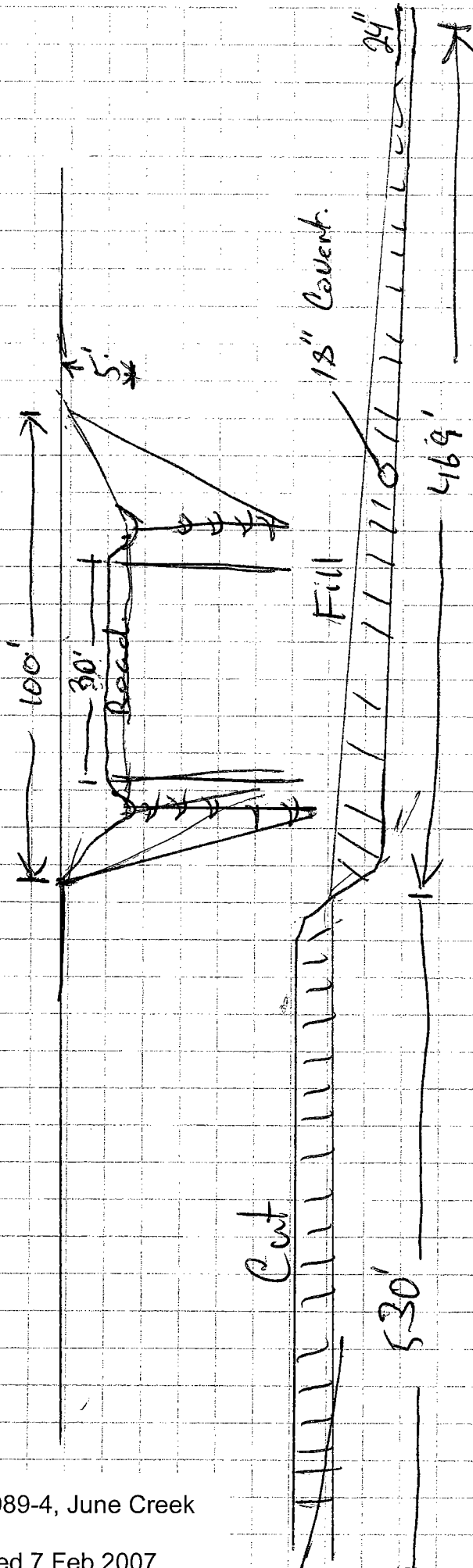
Drawings dated 7 Feb 2007

1 MW Turbon



Tipuel. Road Kennedy. RD.
 section





"Kennedy Rd."

next to treeh B & C to Monroe way

Disposed of over Burden and Minimum of
Gravel for Rock Bed.

